

CLAIMS

WHAT IS CLAIMED IS:

1. An oligonucleotide comprising a contiguous stretch of at least about 15 nucleotides
5 first disclosed in at least one of SEQ ID NOS:9-503.

2. An isolated cDNA polynucleotide derived from the genome of a human that is
capable of hybridizing to a sequence first disclosed in at least one of SEQ ID NOS:9-503
under stringent conditions.

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3. An isolated polynucleotide comprising a contiguous stretch of at least about 60
nucleotides first disclosed in at least one of SEQ ID NOS:9-503.

4. The isolated polynucleotide according to Claim 3, wherein said polynucleotide
15 sequence comprises at least one of SEQ ID NOS:9-503.

5. An *in vitro* process for producing a polynucleotide comprising the steps of:

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- a) obtaining a polynucleotide template encoding a sequence capable of
hybridizing to a GTS of SEQ ID NOS:9-503;
 - b) combining said template with a synthetic oligonucleotide sequence of about 14
to about 80 bases in length that comprises a contiguous sequence of at least
about 12 nucleotides disclosed in one of SEQ ID NOS:9-503; and
 - c) processing the combined oligonucleotide and template preparation such that

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said oligonucleotide sequence hybridizes to said template in the presence of a
DNA polymerase molecule and a sufficient concentration of dNTPs for said
oligonucleotide sequence to prime DNA synthesis by said polymerase,
wherein a polynucleotide is produced that encodes at least about 50 contiguous
nucleotides first disclosed in one of SEQ ID NOS:9-503.

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6. The process of Claim 5 wherein said template is mammalian cDNA.

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7. The process of Claim 5 wherein said template is mammalian genomic DNA.
8. The process according to Claim 6 wherein said templates are of human origin.
9. The process according to Claim 7 wherein said templates are of human origin.

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